

HEWLETT-PACKARD COMPANY  
Intellectual Property Administration  
PO Box 272400  
Fort Collins, Colorado 80527-2400

PATENT APPLICATION

ATTORNEY DOCKET NO. 200209754-1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): PATEL

Confirmation No.: 4316

Application No.: 10/735,467

Examiner: DATSKOVSKIY, Michael V.

Filing Date: December 12, 2003

Group Art Unit: 2835

Title: LONGITUDINALLY COOLED ELECTRONIC ASSEMBLY

Mail Stop Amendment  
Commissioner For Patents  
PO Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

This Information Disclosure Statement is submitted:

- ☐ under 37 CFR 1.97 (b), or  
(Within three months of filing national application; or date of entry of national application; or before mailing date of first action on the merits; whichever occurs last)
- ☒ under 37 CFR 1.97 (c), together with either a:  
☐ Statement under 37 CFR 1.97 (e), or  
☒ a \$180 fee under 37 CFR 1.17 (p), or  
(After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)
- ☐ under 37 CFR 1.97 (d), together with either a:  
☐ Statement under 37 CFR 1.97 (e)(1) or (2), and  
☐ a \$180 fee set forth in 37 CFR 1.17 (p)  
(Filed after final action, a notice of allowance, on or before payment of the issue fee)

Please charge to Deposit Account **08-2025** the sum of \$ 180.00. At any time during the pendency of this application, please charge any fees required or credit any over payment to Deposit Account **08-2025** pursuant to 37 CFR 1.25.

Applicant(s) submit herewith form PTO 1449 - Information Disclosure Statement together with any required copies of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

- ☐ A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individual(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an english language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed.

It is requested that the information disclosed herein be made of record in this application.

- ☒ I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:  
Commissioner for Patents, Alexandria, VA 22313-1450

Date of Deposit: April 7, 2006

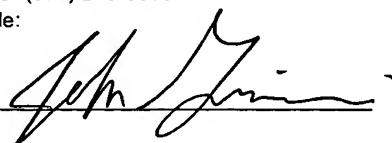
OR

- ☐ I hereby certify that this paper is being transmitted to the Patent and Trademark Office facsimile number (571) 273-8300

Date of facsimile:

Typed Name:

Signature:



Respectfully submitted,

PATEL

By

  
John Griecci

Attorney/Agent for Applicant(s)

Reg No. : 39,694

Date : April 7, 2006

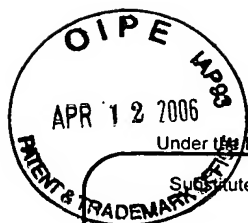
Telephone : 310-376-6527

Rev 10/05 (IDSCert)

04/13/2006 RHEBRAHT 00000045 082025 10735467

01 FC:1806

180.00 DA



Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 1

**Complete if Known**

Application Number	10/735,467
Filing Date	December 12, 2003
First Named Inventor	PATEL
Art Unit	2835
Examiner Name	DATSKOVSKIY, Michael V.
Attorney Docket Number	200209754-1

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- 20060019597 A1	01-26-2006	Beitelmal, et al.	
		US- 6,574,104 B2	6-3-2003	Patel et al.	
		US- 6,628,520 B2	9-30-2003	Patel et al.	
		US- 6,134,108	10-17-2000	Patel et al.	
		US- 2003/0198018 A1	10-23-2003	Cipolla et al.	
		US- 6,819,563 B1	11-16-2004	Chu et al.	
		US- 5,559,673	9-24-1996	Gagnon et al.	
		US- 6,694,759 B1	2-24-2004	Bash et al.	
		US- 6,672,381 B2	1-6-2004	Beitelmal et al.	
		US- 6,662,865 B2	12-16-2003	Beitelmal et al.	
		US- 6,644,058 B2	11-11-2003	Bash et al.	
		US- 6,628,520 B2	9-30-2003	Patel et al.	
		US- 6,574,104 B2	6-3-2003	Patel et al.	
		US- 6,525,936 B2	1-25-2003	Beitelmal et al.	
		US- 6,490,877 B2	12-10-2002	Bash et al.	
		US- 6,415,619 B1	7-9-2002	Bash et al.	
		US- 6,134,108	10-17-2000	Patel et al.	
		US-			
		US-			

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		<b>Complete if Known</b>	
		Application Number	10/735,467
		Filing Date	December 12, 2003
		First Named Inventor	PATEL
		Art Unit	2835
Examiner Name	DATSKOVSKIY, Michael V.		
Attorney Docket Number	200209754-1		
Sheet	2	of	2

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		Beitelmal, Saad and Patel, "Effects of Surface Roughness on the Average Heat Transfer of an Impinging Air Jet" (Int. Comm. Heat Mass Transfer, Vol. 27, No. 1, pp. 1-12, 2000).	
		Beitelmal, Saad and Patel, "The effect of inclination on the heat transfer between a flat surface and an impinging two-dimensional air jet" (Int'l J. Heat and Fluid Flow 21 (2000) 156-163).	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.